

PCC.III REC. 23 (VI-96)

STRATOSPHERIC TELECOMMUNICATIONS SYSTEMS (STS)

The Sixth Meeting of the Permanent Consultative Committee III: Radiocommunications,

CONSIDERING:

- a) That information concerning STS has been presented to PCC.III to use parts of the frequency range 47.2 - 50.2 GHz;
- b) That one Administration is considering 300 + 300 MHz in the frequency range 47.2 - 50.2 GHz for STS;
- c) That several Administrations are analyzing the possible implementation of STS;
- d) That these systems correspond to the ITU definition of Fixed Service;
- e) That there are international allocations to the Fixed Service in the range 47.2 - 50.2 GHz, on a co-primary basis with the Fixed-Satellite Service;
- f) That STS offer possibilities for effective communications, in particular transmissions of videotelephone, teleconferencing and access to the Internet;
- g) That preliminary technical studies indicate that STS and FSS cannot operate co-frequency and co-coverage;
- h) That there is a need to remove regulatory uncertainties in order to take advantage of global economies of scale and also to ensure that there is appropriate spectrum available to accommodate STS;
- j) That there is a need for an appropriate regulatory framework permitting common implementation of regulations for STS in the Americas;
- k) That the possibility of being able to operate STS terminals without geographic constraint will be one of the most attractive features for potential users;

RECOMMENDS:

1. That CITELE Members identify an appropriate regulatory framework that could make spectrum available for STS noting that there are international allocations to the Fixed Service in the range 47.2 - 50.2 GHz, on a co-primary basis with the Fixed-Satellite Service and the steps to be taken to implement this regulatory framework;

2. That CITEL Members review the results of sharing studies including those provided in Document PCC.III 479/96;
3. That CITEL Members consider the appropriate bandwidth required for STS;
4. That if it is determined that WRC-97 action is required, such WRC-97 action should be defined at the next PCC.III meeting.